

Bartosz Mrosek

Frontend Developer

Self-taught Typescript Developer with a passion for performant and scalable applications.



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github.com/bartoszmrosek

EDUCATION

Technical Institute

Zespół Szkół nr 1 w Piekarach Śląskich

09/2019 - Present

Courses

- IT Technician

PERSONAL PROJECTS

RTC app with history (05/2022 - 11/2022)

- The goal of this project is to practice real-time communication and saving data in the cloud database. The whole codebase is written in **Typescript**. For frontend I chose **ReactJs+Tailwindcss**. The backend is currently using **NodeJs+ExpressJs**. Communication is based on **REST API** and **WebSocket** connections with **Socket-io**. Database for messages uses **MySQL**.
- Production** branch viewable at: <https://emotekpl-messenger-prod.netlify.app/>
- Development** branch viewable at: <https://emotekpl-messenger-dev.netlify.app/>
- Repo:** https://github.com/bartoszmrosek/messenger_app

Hexagonal 2048 game (01/2023 - 01/2023)

- This app is the implementation of 2048 in a hexagonal grid. Developed using **React+Typescript**. Nearly all of the code is covered in unit tests (only animation API is not covered) achieving **90% of coverage**.
- The game can be viewed at: <https://bmrosek-hex2048.netlify.app/>
- Due to being private repo is on GitFront:** <https://gitfront.io/r/user-6612724/b2GvwXv3uNCv/Hexagonal-2048/>

WORK EXPERIENCE

Intern

Sopra Steria Polska Sp. z o. o.

09/2022 - 09/2022

Katowice, Śląskie, Poland

Achievements/Tasks

- During my internship I focused on getting better at interpersonal skills as well as challenging my English in the international environment, I was responsible for handling users of company IT resources.

Intern

Adient Seating Poland Sp. z o. o.

03/2022 - 04/2022

Siemianowice Śląskie, Śląskie, Poland

Achievements/Tasks

- The internship was part of my education. My most tremendous success there was the configuration of UPS network modules that were working faulty before my action, this led to a much higher response time from IT team if any problems were to be seen from remote offices.
- My tasks consisted of being a support to other team members and refactoring legacy javascript code.

SKILLS

HTML5

CSS3

Javascript (ES6+)

React.Js

Typescript

Git

Node.js

Jest

Vitest

REST APIs

WebSockets

Redux

ExpressJs

SQL

ACHIEVEMENTS

"Administrowanie sieciowymi systemami operacyjnymi Windows Serwer i Linux Serwer" (10/2022)

The book was written for high school students for them to pass practical exams. Topics revolve mainly around the configuration and management of various server operating systems. Written by Bartosz Mrosek and Krzysztof Chrobok; Published by ITSTART.

ORGANIZATIONS

DKMS Poland (03/2023 - Present)

Speaker on the subject of blood cancer, actively helping in the organisation of registration events for future potential donors.

Polish Red Cross (01/2022 - Present)

Active volunteer, looking forward to educating younger generations. At previous events, I was a blood donor and speaker on the same subject.

CERTIFICATES

BACK END Application Programming (60h) (06/2022 - Present)

Issued by STREFA ROZWOJU Danuta Rynkiewicz

CPA: Programming Essentials in C++ (02/2021 - Present)

Issued by C++ Institute

LANGUAGES

Polish

Native or Bilingual Proficiency

English

Full Professional Proficiency